

City of Wall Lake, Iowa

Water System Improvements

Cost Estimate - Immediate Improvements

CAPITAL COSTS

Project: Water System Improvements

Item No.	Description	Quantity	Units	Unit Price	Total Price
GENERAL					
1	Mobilization, Insurance, etc...	1	LS	\$33,000	\$33,000
2	Traffic Control	1	LS	\$9,500.00	\$9,500
3	Construction Staking	1	LS	\$3,000.00	\$3,000
4	Pavement Removal	187	SY	\$5.00	\$935
5	Granular Surfacing	25	TON	\$20.00	\$500
6	6" PCC Pavement	187	SY	\$60.00	\$11,220
7	Subbase Stabilization, CABC	50	TON	\$25.00	\$1,250
8	Sod	550	SY	\$30.00	\$16,500
9	Erosion Control	1	LS	\$5,000.00	\$5,000
10	Seeding	1	LS	\$2,000.00	\$2,000
WATER SOURCE IMPROVEMENTS					
6	New Well #4	1	LS	\$80,000	\$80,000
7	Test Wells	4	EA	\$15,000	\$60,000
8	Electrical and Controls	1	LS	\$80,000	\$80,000
8	Abandon Well #2	1	LS	\$5,000	\$5,000
9	8-inch Raw Water Feed	300	LF	\$45	\$13,500
10	Generator/ATS	1	LS	\$80,000	\$80,000
4TH ST. WATER MAIN					
11	6-inch water main	320	LF	\$35.00	\$11,200
12	6 INCH VALVE WITH Box	2	EA	\$1,500.00	\$3,000
13	Fire Hydrant Complete	1	EA	\$3,500.00	\$3,500
14	Connection to Existing Water Main	2	EA	\$1,000.00	\$2,000
3RD ST. WATER MAIN					
15	6-inch water main	1,240	LF	\$35.00	\$43,400
16	6 INCH VALVE WITH Box	6	EA	\$1,500.00	\$9,000
17	Water Service Tap, Corp., and Curb Stop	8	EA	\$450.00	\$3,600
18	Water Service Laterals	40	LF	\$25.00	\$1,000
19	Water Service Laterals Bored	280	LF	\$50.00	\$14,000
20	Fire Hydrant Complete	3	EA	\$3,500.00	\$10,500
21	Connection to Existing	6	EA	\$1,000.00	\$6,000
MAIN ST. WATER MAIN					
22	6-inch water main	315	LF	\$35.00	\$11,025
23	6 INCH VALVE WITH Box	2	EA	\$1,500.00	\$3,000
24	Fire Hydrant Complete	1	EA	\$3,500.00	\$3,500
25	Water Service Tap, Corp., and Curb Stop	6	EA	\$450.00	\$2,700
26	Water Service Laterals Bored	140	LF	\$50.00	\$7,000
27	Water Service Laterals	40	LF	\$25.00	\$1,000
28	Connection to Existing	2	EA	\$1,000.00	\$2,000
WATER METER IMPROVEMENTS					
29	Residential Meters w/ Endpoint	445	EA	\$200	\$89,000
30	Commercial Meters w/ Endpoint	30	EA	\$733	\$21,990
31	Meter Installation	1	LS	\$10,000	\$10,000
32	Radio Read Collection System w/ Training and Installation	1	LS	\$10,000	\$10,000
SUBTOTAL - CONSTRUCTION					\$669,820
CONTINGENCY, ENGINEERING AND LEGAL					\$186,000
TOTAL PROJECT COST ESTIMATE					\$855,820